

From: [Kurpius, Meredith](#)
To: [Flagg, MichaelA](#)
Subject: RE: Updated draft R&R document for GBUAPCD
Date: Wednesday, May 01, 2013 8:43:45 AM

Just spoke with Patrick Rainey – come by before you call Chris.

From: Flagg, MichaelA
Sent: Wednesday, May 01, 2013 7:59 AM
To: Kurpius, Meredith
Subject: RE: Updated draft R&R document for GBUAPCD

Thanks Meredith, I will give Chris a call today.

From: Kurpius, Meredith
Sent: Wednesday, May 01, 2013 7:25 AM
To: Flagg, MichaelA
Subject: RE: Updated draft R&R document for GBUAPCD

I think it would be best if it went through CARB but I think this has to come from GB. Can you call Chris Lanane and talk this through with him?

From: Flagg, MichaelA
Sent: Tuesday, April 30, 2013 2:30 PM
To: Kurpius, Meredith
Subject: FW: Updated draft R&R document for GBUAPCD

Hi Meredith,

Here is the response from M. Plate on the Great Basin QAPPs. Not sure what to do here... I think we should have them submit to CARB per the general language/procedure?

Let me know what you think. If we do want them to submit something to EPA, we should alert the QA office.

Michael Flagg
EPA Region 9
Air Quality Analysis Office
P: 415.972.3372
E: Flagg.MichaelA@epa.gov

From: Plate, Mathew
Sent: Tuesday, April 30, 2013 2:02 PM
To: Flagg, MichaelA
Subject: RE: Updated draft R&R document for GBUAPCD

In 2001 Great Basin submitted a PM2.5 QAPP. The plan was approved 10/22/2002.

There is no record of a PM10 plan being submitted to the QA Office. Catherine did receive a copy

during the 2007 TSA of ARB, see language below. It is possible your office reviewed and approved the QAPP, but we have no record of it except from the TSA.

Let me know if there is anything else I can do.

mat

*GBUAPCD operates an independent QA program for all its PM and meteorological monitoring and laboratory activities. Although there is not a defined manager for QA activities, well-defined and documented QA procedures were clearly described by the personnel interviewed. The District's QA project plans for PM_{2.5} and PM₁₀ are very thorough and include district-specific standard operating procedures. The QA program includes biweekly flow checks by the station operators, quarterly independent flow audits of the instruments, chain-of-custody procedures for collected filters, a system of QC procedures which are documented for each site, extensive QA/QC for the gravimetric laboratory for both PM₁₀ and PM_{2.5} filter weighings, monthly data review station-by-station to verify completeness and validity, detailed corrective action procedures, annual calibration of all flow standards (transfer standards and NIST traceable primary). **During the audit, EPA received a copy of GBUAPCD's most recent PM₁₀ QAPP which will be reviewed for approval by Region 9.** In 2002, as part of the PM₁₀ QA program, the District employed an outside consultant to conduct an independent System Audit of the PM₁₀ monitoring program which found no compliance issues. Another example of an independent QA program element is the monthly meeting of the District's technical staff which allows for interaction on problem-solving and standardizing of procedures among operators.*

From: Flagg, MichaelA
Sent: Tuesday, April 30, 2013 12:22 PM
To: Plate, Mathew
Subject: FW: Updated draft R&R document for GBUAPCD

Matt,

Can you recall the history of the Great Basin QAPPs? Do we have anything in house?

Let me know what you think. We are trying to move forward with CARB and Great Basin on a process for QAPPs.

Thanks!

Michael Flagg
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From: Kurpius, Meredith
Sent: Monday, April 29, 2013 7:46 AM
To: Flagg, MichaelA
Subject: RE: Updated draft R&R document for GBUAPCD

Michael,

Thanks for looking at the R&R document. I wonder if there is any historical reason why GB would want to specifically have us review their QAPP. Do we already have one in-house that we never acted on? Can you check with Mat Plate and then Chris Lanane to see if we would suggest that they work through CARB? In general, we are recommending that CARB take the lead in approving QAPPs (and the more generic R&R says this) so this makes me think that there might be some reason.

-Meredith

P.S. I'm glad you think the rest of it is acceptable – it's a huge step forward!

From: Flagg, MichaelA
Sent: Friday, April 26, 2013 3:07 PM
To: Kurpius, Meredith
Subject: FW: Updated draft R&R document for GBUAPCD

Meredith,

In reviewing the Great Basin R&R document, everything seems fairly clear to me except for the QAPP situation.

Don't we expect CARB to approve district QAPPs if the local MO is not formally adopting CARB's pollutant specific QAPPs?

MO responsibilities for QAPP indicate that they will utilize and follow an "EPA approved MO QAPP". Since Great Basin is under the CARB QMP, shouldn't the future approval of local MO QAPPs be approved by CARB to maintain consistency throughout the PQAO?

In theory the CARB QMP would set up a structure that would allow this to occur.

Let me know what you think. Thanks!

From: Rainey, Patrick@ARB [prainey@arb.ca.gov]
Sent: Thursday, April 25, 2013 7:44 AM
To: Kurpius, Meredith; Flagg, MichaelA
Cc: clanane@GBUAPCD.org; mmiguel@arb.ca.gov
Subject: Updated draft R&R document for GBUAPCD

Hello Meredith and Michael,

Attached is the updated draft Roles and Responsibilities document for Great Basin for your review. Please provide any comments by May 1st so we can finalize the document with the District.

Please feel free to contact me if you have any questions. I will be out of the office 4/26 but will be in the week of 4/29.

Thank you,

Patrick Rainey
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The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy cost, see our web site at <http://www.arb.ca.gov>